



Certificate of Participation

This is to certify that

HANAN ISHAQUE

has participated in the 9th International Conference on Applied Energy (ICAE2017) on August 21 – August 24, 2017, Cardiff

Prof. J. Yan
Conference Chair of ICAE2017
& Editor-in-Chief of Applied Energy

Post Conference Report

9th International Conference on Applied energy

21-24 August 2017

Cardiff, United Kingdom

The 9th International Conference on Applied energy was held in Cardiff from 21-24 August 2017. The event was dedicated to the improvement and dissemination of knowledge on methods, policies and technologies in the areas of energy conversion and conservation, the optimal use of energy resources, analysis and optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

The purpose of my participation in the event was twofold: to present the research paper titled “Quantifying the Potential Impact of Pakistan’s GHG Mitigation Policies for Coal-Fired Power Plants” and to discuss with experts and researchers the use of scenario modelling techniques in energy system analysis for my ongoing PhD work at the department of economics in AAU.

My presentation was scheduled on 22nd August 2017 under track titled ‘Climate change policy’ co-chaired by Prof. Bo Shen and Jonathan Cullen. The presentation was followed by discussion and feedback from the participants and the session chair. I also participated in other sessions relevant to my field of work and on sidelines of conference, held formal and informal discussions with participants about three main themes i.e. Optimization in LEAP modelling, energy system optimization and extent of data requirement in comparable bottom up optimization models such as Markal-Times model and thirdly methods of emission analysis for environmental impact assessment of power generation scenarios.

The participants came from diverse backgrounds but were currently involved in energy planning for different economies at aggregate and disaggregate levels. I collected valuable information about different modelling techniques used in energy systems analysis. The researchers gave me useful insight into how I could expand the scope of my work and use simulations analysis to derive meaningful results. They also benefitted from the briefing on my work especially from developing economy perspective. Overall, the event was a great learning experience and enriched my understanding of the subject and importance of collaboration within the scientific communities. It was extremely rewarding to be part of the research activity.

I am very grateful to Förderverein for the financial support.

Sincerely,
Hanan Ishaque
PhD Candidate